



<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/862,788	
	Filing Date	18 May 2001	
	First Named Inventor	Mark Ahmadjian et al	
	Group Art Unit	2876	
	Examiner Name	A. Kim	
Total Number of Pages in this Submission	3	Attorney Docket Number	AFB00500

ENCLOSURES <i>(check all that apply)</i>		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Technology Center
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
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Signature	
Date	11 December 2003

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Air Force Invention No. AFB00500

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Of

On 11 December 2003  
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Thomas C. Stover 22,531  
NAME OF APPLICANT, ASSIGNEE, OR REG. REP.

*Thomas C. Stover* 11 December 2003  
SIGNATURE DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
Mark Ahmadjian et al  
Serial No. 09/862,788  
Filed: 18 May 2001  
For: **PLUME DETECTOR**

Group Art Unit: 2876  
Examiner: A. Kim

Honorable Commissioner for Patents  
Washington D. C. 20231

Sir:

RESPONSE

The following is in response to the Office Action dated 25 September 2003

REMARKS

Claims 1 -- 15 are in the present application.

The Office Action rejection under 1 -- 9 and 11 -- 15 as obvious under 35 U.S.

103 (a) over Hill Jr. et al ('285), in view of Hasson et al ('452), is respectfully traversed.

While these references disclose detecting spectral emissions (at spectral

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